

# Hidden Tracking Parameters in TCL

PRF is the width of the hit's Gaussian fit in the pad direction

ZRF is the RMS width of the hit in the time direction

TPT does root formation / track extension using cuts of the form:

$A * \text{PRF}$

$B * \text{ZRF}$ , with A & B arbitrary (tuned?) parameters from DB

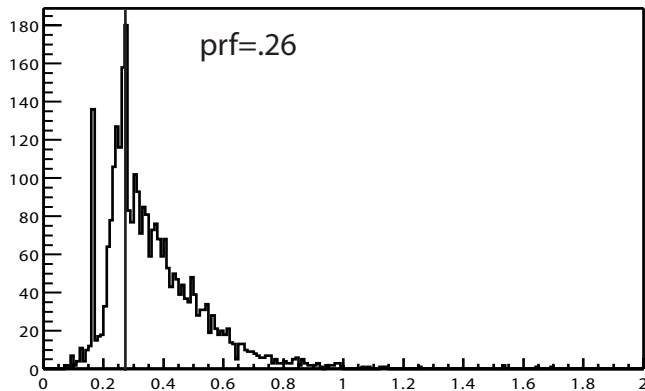
Note:

These widths do not translate into quality of the position.

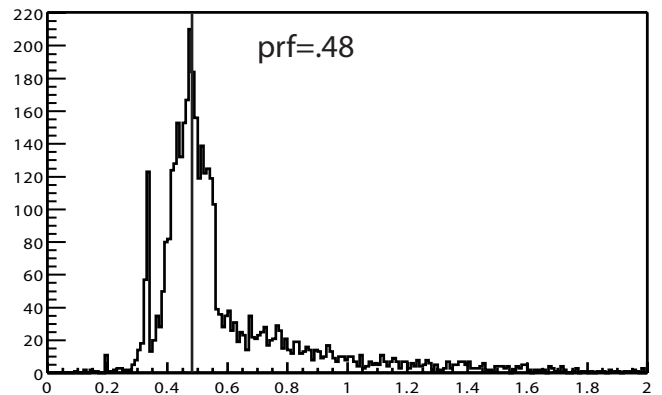
In fact, hits with large PRF or ZRF tend to be questionable, but these hits are MORE likely to be included in the track.

The widths may be relevant to the two track resolution, but that is not what they are used for...

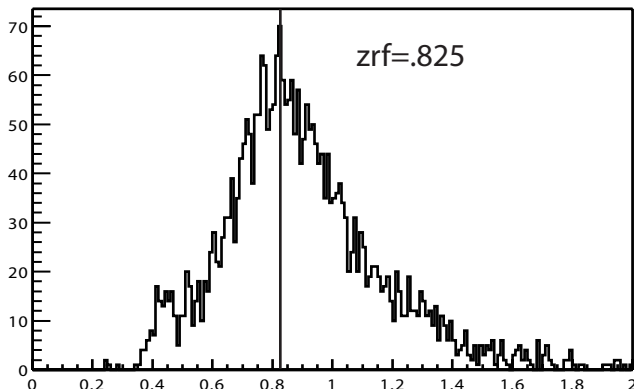
prf for inner padrows



prf for outer padrows



zrf for inner padrows



zrf for outer padrows

